

The Production of Power and Blast in the Top
Gas Power Plant of an Iron and Steelworks by
Means of a 14 M W Gas Turbine, by A. Wayel, et al.
URNL

GERMAN, per, Stahl u Eisen, 15 Oct 1959,
pp 1471-1478.

SINI 1493

(26. 3e. 04.)

Sci - Engr
Jun 60

117,234

Continuous Casting of Rimmed Basic Bessemer Steel,
by H. Koemider, H. Neubaus, A. Weyal.

GERMAN, no per, Stahl und Eisen, Vol LXXVI, No 11,
1956, pp 668-678.

Henry Bratcher Tr 3845

\$13.80

Sci - Minerals/Metals
Feb 1957 CTS

43, 890

The Relationship of the Q-Fever Provoker,
(Leptothrix Burrogi) to Arthropods, by P. Woyer,
TRANSLATED

WYAY, per, Z. f. Tropenmed u. Parasit, Vol IV,
No. 3, 1953, pp 344-351. (14 x 18 cm)

NTH

Scientific - Medicine

17, 520

Reaction Courses of Kaolin and Lime in
Static Burning: A Contribution to the
Theory of Cement Burning and to the
Constitution of Portland Cement, by Dr.
Weyer, M.
GERMAN, pur. Doctoral thesis, University,
1934
CIA-RDP91-00929R000200690031-1

Sci - Mat
Apr 11
[Signature]

Clinical Studies of the Effectiveness
and Tolerability of 16-Ethyleno-
Progesolone, by H. Mayer, H. Brahma.
U.S.A., per, Berliner Medizin,
Vol XIII, 1962, pp 166-171.
AIA ID-64-18062

120-47

318,670

Preparation and Identification of Dicalcium Silicate, Tricalcium Silicate, and Tricalcium Aluminate, by I. Meyer.

ZEMENT, per, Zement, Vol XX, No 3, 1931,
pp 48-51.

SLA TT 64-18339

Apr 67

323,109

Changes in Electrical Resistance During
Cold Deformation, by J. Weyerer. U.S. Army and
CERN, p., Metallkunde, Vol XLIV, 1953,

pp 51-58.

DDIA/31430/CT

Sci - Phys
Sci - Mat/Sci
Sep 58

73, 865

The Accurate Determination of Lattice Constants,
by B. VENKATESWARAN. UNCLASSIFIED

REPRINT, per, Z Angew Phys, Vol VIII, No 4,
1954, pp 202-205.

Pulmor Rec Inst, Ltd
Tr 107
OT/2325

Sci - Phys
Jul 50

+ 7, 257

Method of Computing Methods for the Precision
Determination of Lattice Constants of Cubic
Crystals by the Powder Method, by Hermann Weyerer,
11 pp.

DEUTSCH, JUR, Z fuer Kristallog, Vol CIX, 1957,
pp 338-353.

AEC 3160

Sci - Phys

Jac 59

79 768

Salt Formation from 1,3-Diketones. Second
Report, by C. Weygand
GERMANY, per, J. Prakt Chem., Vol 116, No 2,
1927, pp 292-306.

NEW RIN
11-4-68

Sci-MM
Pub 69

C. Weygand

369,541

Aeppel, P. and Brätsch, H. J.
SYNTHESES USING DIAZO KETONES. Part 3 of
Neer's Monthly of Preparative Organic Chemistry
(1971) V12

Order from ATS 549-521

ATS 52N48C

Price: 12.50 Deutsche Mark (West Germany)
1971, 12 issues, 12 vols.

#1-2231

- I Organic compounds -
Synthesis
- II Ketones - Chemical
reactions
- III Azo compounds
Chemical reactions
- IV Aeppel, P
- V Brätsch, H. J.
- VI Title: Neer
- VII Order No.: 549-521
- VIII Order from: ATS 52N48C
- IX Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

(Chemistry-Organic, TT, v. 5, no. 12)

β -Trifluoro Acetyl Amino Acids, by F. Weygand, S.
Chenden, 5 pp.

GERMAN, per Angew Chem, Vol LXIV, 1952, p 136.

MM 9-21

Sci - Chem
Sep 59

97,400

On X-Epoxydine, Report III. Stereo Course of Hydrogenation of Epoxides by Iron-Catalyzed Zinc Chloride-Lime for P-Polymerization and D-Glyceraldehyde
Benzene, by J. L. Dickey, W. H. Rausch, Jr., and
G. E. Gammie, Jr., Chem Rec., Vol. 1, No. 1, 1948, pp 1279-1282
ABC-12-450

Sel-Mex & Mex
Mar 64

200,125

Vitamin B₁₂, Purines and Pyrimidines Requirement
of Lactobacillus Leichmannii, by Friedrich Weygand,
Adolf Wacker, Friedrich Wirth, 19 p.

GERMAN, per, Zeit fur Naturforsch, 1951, Vol VIB,
No 1, pp 25-34.

SLA 59-20795

Sci
Mar 60
Vol 3, No 1

110, 824

Journal für praktische Chemie. Distribution of Butyl
γ-Trifluoromethyl-Methyl Ester, by Friedrich Weygand,
Salf. Geiger, 17 pp. UNCLASSIFIED

Journal, per, Chem Ber, Vol XCII, No 9, 1959,
pp 2079-2106. (Continued From XIV Chem Ber, Vol XCII,
1922, p 2079).

Navy 2656/IMCS 48

Sci - Chemistry
SER 10

133,795

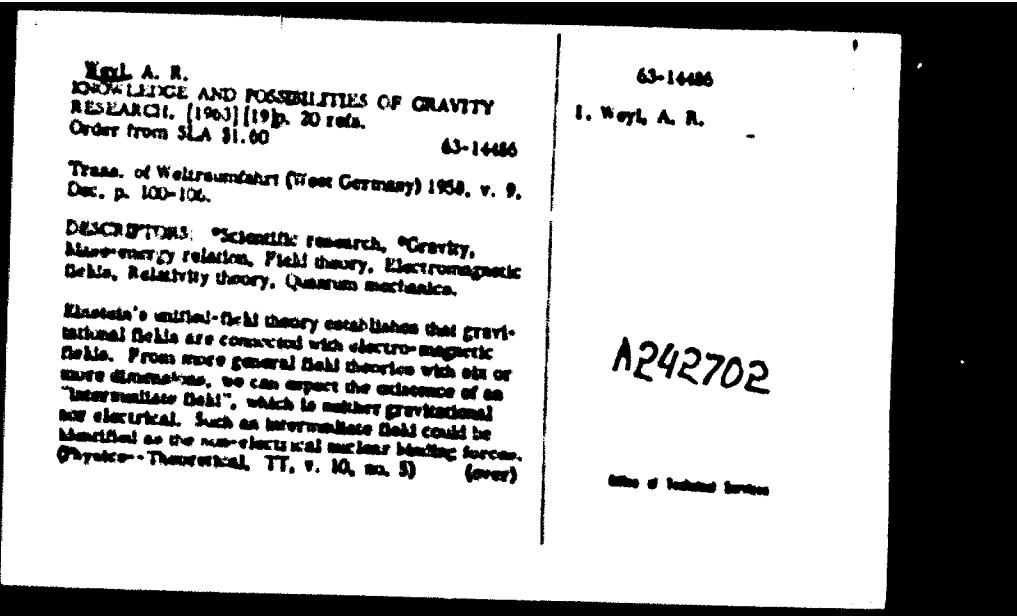
Experiments With Radioactive Indoleacetic Acid to Test the So-Called Diversion of the Growth Hormone Stream by Light, by Erwin Bunning, Hans J. Beisenhar, Friedrich Weygand, Helmut Simon, Johann Friedrich Klebe, 3 pp.

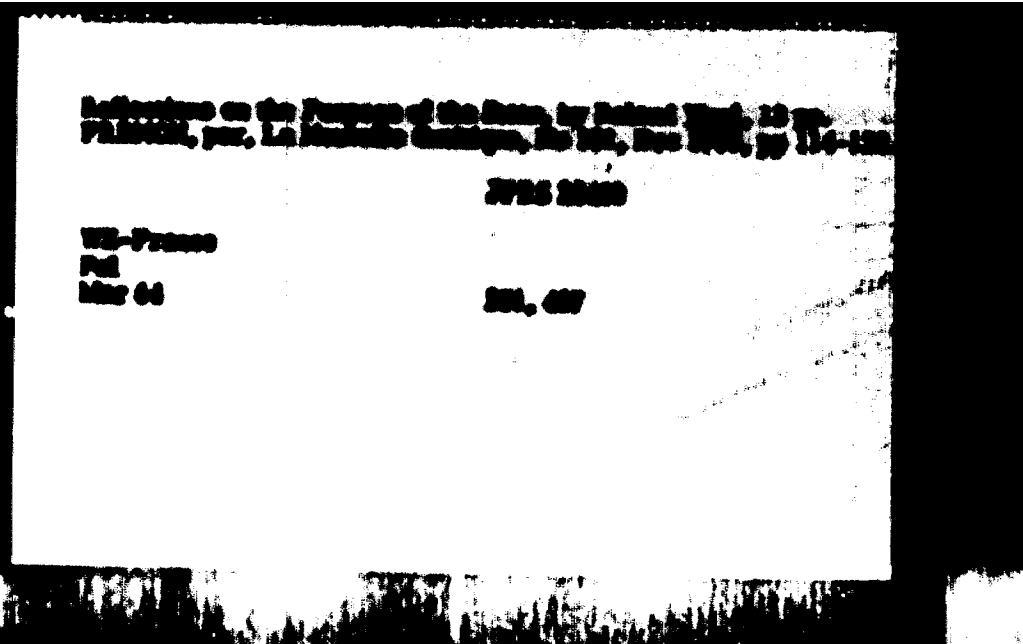
GERMAN, per, Z. Naturforsch., Vol XIIb, 1956, pp 363-364.

AMC Tr 254

Sci - Chemistry
Aug 1956 ORS/dex

37,490





The Action of Ozone on Sulfur Compounds and
their Reduction by R. Weyle

Chemie, p. 1, Chemiker-Zeitung, Vol XIV, 1901,
p. 47.

Dept of Int.
US Bur of Mines
Petroleum Survey Sta Lib
Bartlesville, Okla. No 60

Ref. - 2000
May 19

87, 526

62-18142
THERM. PROB. IN SURFACE CHEMISTRY
J. L. COHEN (1963) 10 p.
Ref. No. 10-12-40

62-18142

Trans. of Institut du Verre, Bulletin (France), 946,
no. 1, p. 1-16.
Abstract available from N. A. \$1.10 or
\$2.50 N.Y. 22-111 p.

ELINE RUDENKA: "Glass, surface properties, Adsorption,
Oxidation, Atomic structure, X-ray diffraction analysis,
Crystal structure, ions, Ion exchange, Sodium,
Hydrogen, Silver, Copper, Chromium, Water."

The surface condition of glass is modified by the migra-
tion of alkali ions. These surface alkali ions may
be eliminated by the action of furnace gases, or by a
treatment with metathorite (potassium citrate to decom). By
D'Amato - Chemica, T.T., v. 10, no. 3 (over)

62-18142
L. Leyk, A. S.

62-18142
U.S. GOVERNMENT PRINTING OFFICE: 1963, 11 p.

means of so-called "base exchange" reactions they may be replaced by fluorine ions, and "hydrogen-glasses" or "silver-glasses" are thereby obtained, constituting the starting point for mirror formation. Organic chlorine atoms may substitute organic radicals for surface hydrogen ions and form hydrophobic glasses. The so-called "capillary bubble" method permits the substantiation and evaluation of the adsorption by the glass surface of cations in solution, by means of contact-angle measurements of an air bubble to the glass surface in question. (Author)

PB 62-14112

Auscultated Systolic Heart Murmurs and Rate of
Flow in the Pulmonary Artery, by H. Spitzbarth,
J. Neugren, E. F. Germeyer, 12 pp.

1938, 100, J. fuer Kreislauftforschung,
vol. 27(1), Nov 1938, pp 965-971.

NIM 3-51-60

The Flora of the German Lower Devonian (Die Flora
des Deutschen Unter Devons), by R. Krause,
H. W. Weyland, 145 pp.

GERMAN, per, Abhandlungen der Preussischen
Geologischen Landesanstalt", No 131, 1930,
pp 1-92.

Library
Fisheries Res Bd of Canada
Biol Sta. St. Andrews, NB

111, 491

Sci - Geophys

Oct 61

Circulatory Changes With Synthetic Hypertension II,
by U. F. Germeyer, H. Spitzbarth, H. Weyland,
17 pp.

DAEDAL, pur, Münchener Wochenschrift, Vol XXVI,
15 Nov 1953, pp 1061-1066.

WIB 2-28-60

115,029

APR 60

On the Thermonuclear Weapons, by M. Savchenko,
8 pp. UNCLASSIFIED

RUSSIA, par, Vozennyy Vest, No 9, Sep 1957,
pp 67-72, Refd to RG-1746-58, APCIS-1A1.

AV 1189181

Sci - Nuclear Phys
27 Oct 58

75, 1123

(NY-2394)

Chemistry in Atomic Engineering, by M. V. Mayman,
30 pp.

RUSSIAN, pamphlet, Khim v. Atomnoy Tekhn., Ser IV,
No 30, 1957, pp 8-37

DPRC 1670-W

Sci - Rad Phys
May 59

86,533-

Local Influence, by Charles Thomas Wigginton, M.D., pp. 30
71,000 pages, No 600,000.
Printed October

Set - Page
Nov 64

200,000

(FDD 21741)

The Cartography of the Past and Present, With
Special Reference to Its Tasks and Its Points of
Contact With Topography, and Considering the Present
Situation in German and Soviet Cartography, by
H. Weymar, 29 pp.

GERMAN, no per, Vermessungs Technik, Vol II, No 4
(61-80), Berlin, Apr 1956, pp 63-70.

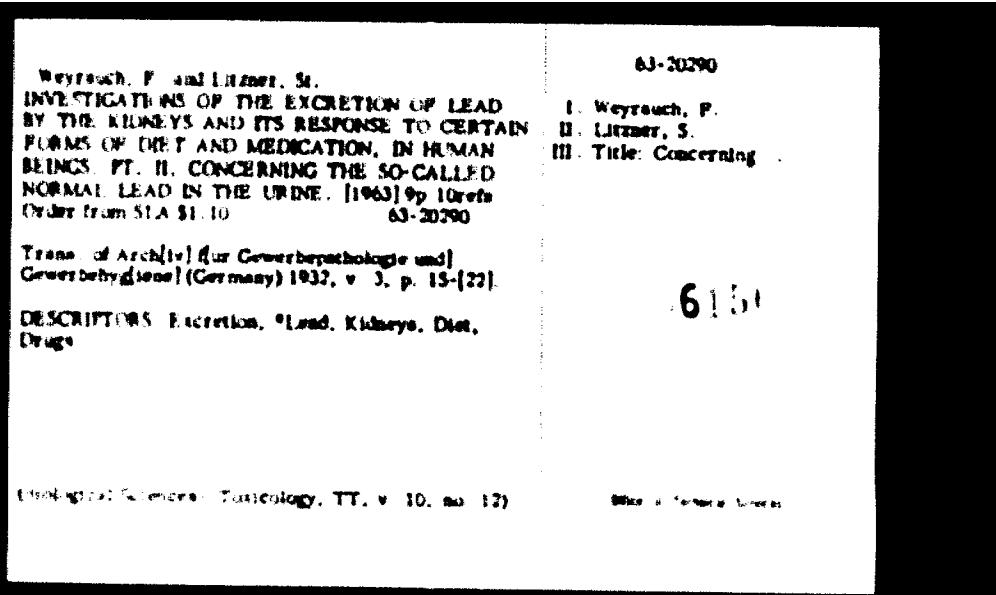
CIA/FDD/U-6298

18, 1641

KDAR - Germany
USSR
Geo

<p>W. Weyrich NEW INVESTIGATIONS DEALING WITH THE ABSORPTION OF LEAD AND ITS DISTRIBUTION IN THE ORGANISM IN EXPERIMENTAL POISONING. PT. II. [1963] 1. p. 595. Order from SLA \$1.60</p> <p>Trans. of Z[eitschrift] f[ür] Hygiene und Infektionskrankheiten (Germany) 1961, v. 112, p. 339-[344].</p> <p>DESCRIPTORS: *Metal poisoning, *Lead, Toxicity, *Gastrointestinal system, Distribution, *Respiratory system, Absorption (Biological).</p> <p>(Received 6-3-20-1963)</p> <p>Biological Sciences--Toxicology, TT, v. 10, no. 10</p>	<p>63-20192</p> <p>I. Weyrich</p> <p>120-15</p> <p>None of Indexes</p>	
--	--	--

<p>W. WEYRAUCH NEW INVESTIGATIONS [DEALING WITH THE ABSORPTION] OF LEAD AND ITS DISTRIBUTION IN THE ORGANISM IN EXPERIMENTAL POISONING. PT. L [1963] 23p 25redu Order from SLA \$2.60 63-30191</p> <p>Trans. of Z[ettlarchiv] (Nr) Hygiene und Infektionskrankheiten (Germany) 1930, v. III, p. 162-179.</p> <p>DESCRIPTORS: *Metal poisoning, *Lead, Absorption (Biological), Toxicity, Chemical analysis, *Toxic, *Blood, Distribution, *Body, *Blood circulation.</p> <p>Biological Sciences--Toxicology, TT, v. 10, no. 10</p>	<p>63-30191</p> <p>I. Weyrauch</p> <p>115-311</p> <p>63-30191</p> <p>Office of Technical Services</p>
--	---



Is Insect Sleep a Reflection of Immobilization? ⁴²
by K. Weyrauch,
Gesellschaft für Tierphysiologie, Berlin, Zool Anz, Vol 131, 1940, pp 73-82.
*AIC ORNL
127-99

(u) Weyrauch

CIA-940
Jul 67

Homo and Heterograft of Hematopoietic Tissues in
the Mouse, by K. D. W. Van Bekkum, O. Vos, W. H.
H. Weyzen, 12 pp.

FRENCH, Ver., Revue d'Hematologie, Vol XI, No 5,
1956, pp 477-485.

MRH Tr 10-23

54, 671

Sci - Medicine

Oct 57

~~XXXXXXXXXXXX~~

Photochemical Formation of Organic Compounds
From Mixtures of Simple Gases, by W. E.
Groth, H. V. Meynenhoff, 6 pp.

~~XXXXXXXXXXXX~~, ryb.

SCIENCE LIBRARY

Plan/ap Sci
Vol II, No 2/3
pp 79-87
168, 373

Sci - Phys

Effect of Stimulation of Temperature
on the Arterial Pulse, by K. Wezler,
CHARM, per, Z. Biol., Vol XCVI, No 3, Nov
1935, pp 281-297.
NASA TT F-10,004

K. Wezler

U. S. GOVERNMENT USE ONLY

Sci-Bu

Jun 66

302,041

Diseases, Poisons and Contaminants of the Heart,
by K. Verner.
GRENADA, 1962, Arctic Lake Proceedings, Vol XVIII,
No 2, 1964, pp 65-77.
REF 7-38-64

44

Sel - Black & White
Aug 64

246,200

Wheatcroft, R. W., and Warner, W., III.
PROCESS FOR THE PREPARATION OF ADIPIC ACID
AND OF ITS PRECURSORS FROM CYCLOHEXANE.
[1951] 7p
Order from ATS \$16.00

ATS-SNSOF

Transl. of French patent 1,142,956, by E. I. du Pont
de Nemours and Co., filed 12 May 54, granted
8 Apr. 57, pub. 25 Sep. 57.

DESCRIPTORS: *Adipic acid. Synthesis. Cyclohexanes.
Chemical reactions.

(Engineering & Chemical, IT, v. 6, no. 2)

61-22324

I. Wheatcroft, R. W.
II. Warner, W., III.
III. Patent (France) 1,142,956
IV. ATS-SNSOF
V. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Reaction of Liquid Ammonia, by W. C. Johnson,
A. C. Wheatley.

GERMAN, per, Z fur Anorgk und Allgem Chem,
Vol CCXVI, No 3, 1934.

Dept of Int
US Bur of Mines
Sta Lib,
Rolla, Missouri.
No T-4.4-2

Sci - Chem
Apr 59

84, 623

Nuclear Fission, by J. A. Wheeler, 10 pp.

RUSSIAN, per, Atom Ener, No 5, May 1956, pp 71-79.

Consultants Bureau

Sci - Physics
Jun 57

48,580

The Thermal Treatment of Gaseous Hydrocarbons,
by A. Dunstan, E. Hague, R. Wheeler, 49 pp.

FRENCH, per, Chimie et Industrie, Vol XXXIV,
1935, p 373.

SLA Tr 2430

5-3, 035-

Sci - Chemistry
Sep 57

132

New Synthetic Products, Processes for Their Preparation, and Their Application, by J. R. Whinfield, J. T. Dickinson.
REINHOLD, Patent 3,197,729
DEC 69-11157-111

Sci-Met
July 69

388,407

J. R. Whinfield

Performance Appraisal Research and Practice,
by T. L. Whisler, S. F. Harper.

UNKNOWN, rpt, 1962.

Holt, Rinehart & Winston

SCI
NOV 63

THE INFLUENCE OF COPPER AND TIN ON THE INTRINSIC
FORGEABILITY OF MILD STEELS, BY F. E. WHITE,
C. ROSSARD.

FRENCH, PER, REVUE DE METALLURGIE, VOL LIX,
MAR 1962, PP 237-241.

BISI 2928

SCI - N/M

OCT 62
LIST 154

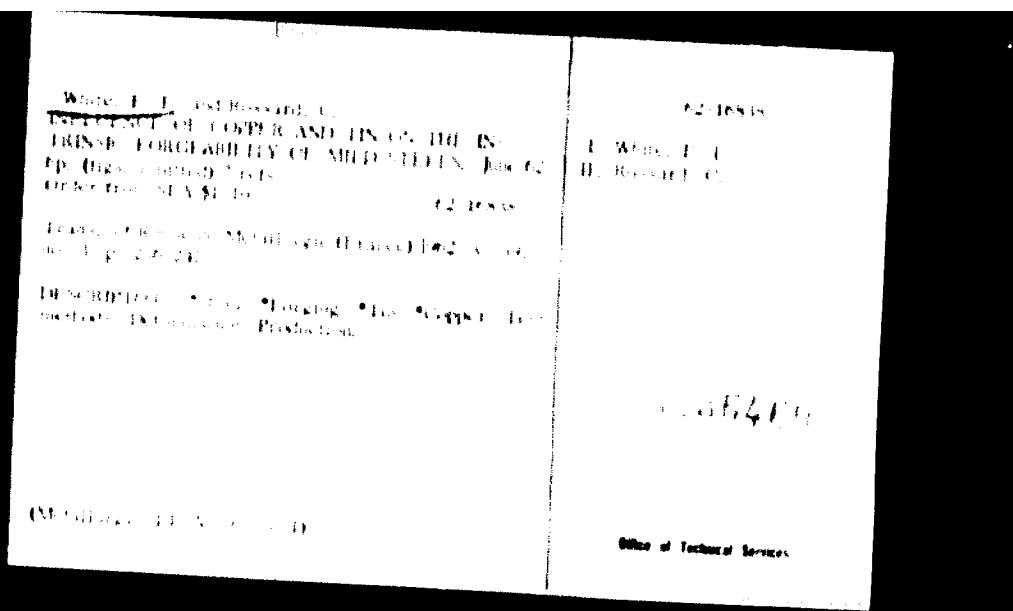
214,809

Drilling Mud (Lime-Na) for Difficult Drilling
Conditions, by P. Watkins, White.

GERMAN, per, Erdöl und Kohle, Vol IX, No 1, 1956,
pp 9-12.

35,611 Tech and Comm Tr
\$66.00

Scientific - Engineering; Fuels



Uranium in the Serra da Jacobina, State of Bahia, Brazil, by M. G. White.

PORTUGUESE, paper P/130, Proceedings of International Conference on Peaceful Uses of Atomic Energy Held at Geneva 8-20 Aug 1955, Vol VI.

Internat'l Conf
Internat'l Conf -- UN

Sci - Nuclear Physics
Apr 57

CIA 1-669.9.162

46,072

Handbook of Industrial Infrared Analysis,
by Robert G. White.
pp 454

RUSSIAN, bk.

*Plenum Press
September 1964

May 65

Application of a Metallized Coating on Glass
Filaments, by Harry B. Whittemore, William H.
Jto.

JWMCN, patent no 1,032,604, Owens-Corning
Fiberglass Corp.

Dept of Commerce
Patent Office
Sci Lib

Sci - Engr
Aug 59

94, 467

Soviet Book Review of A. S. Whiting's, "Soviet Policies in China 1917-1924," 16 pp. UNCLASSIFIED

RUSSIAN, per, Sovetskoye Kitayovedeniye, No 1.

Dec 58

Rand Corp T-107

PS - China

Pol

Dec 58

Calculations in Quantum Chemistry. II. Computation of
Some Two-Center Molecular Integrals on a Digital
Electronic Computer, by Yu. A. Kruglyak and D.R.
Whitman. x 7 pp.

RUSSET AL, per, Zhur Strukturnoi Khim, Vol IV,
No 1, 1963, pp 91-97.

CB

Sci
Jun 64

261,393

Calculations in Quantum Chemistry. III. LCAO MO
Computation of no(a) 2p_a(b) Interaction on a Fast
Digital Electronic Computer, by Yu. A. Kruglyak,
D. R. Whitman, 7 DE.

RUSSIAN, par, Zhur Strukturnoi Khimii, Vol IV,
No 2, 1963, pp 254-260.

CB

Sci
Ann 6h

Design, Production and Use of Hardmetal Machining tools, by J. Whithoff.

CHEPMAN, per, Das Industrieblatt, Vol LVII,
1957, pp 531-538.

Broken Hill Prop Co Ltd
(CHL/T.464)

191, 717

Sci - Engr

Apr 62

The Determination of Optimum Machining Conditions
by J. Whitthoff.

GEOFMAN, per, Werkstatt und Betrieb, Vol LXXXV,
No 10, 1952, pp 521-526.

Brocken Hill Prop Co Ltd
(CRL/T.465)

Sci - Engr

191, 718

Apr 62

On the Formation of the Cutting Tip of the M-
chine Tool, by J. Whithoff.

GERMAN, per, Industrie-Anzeiger, No 53,
1955.

Broken Hill Prop Co Ltd
(CRL/T.466)

Bcl - Engr

191, 719

Apr 62

Continuous Generalizations of Chebyshew's Inequality,
by P. Whittle, 9 pp.

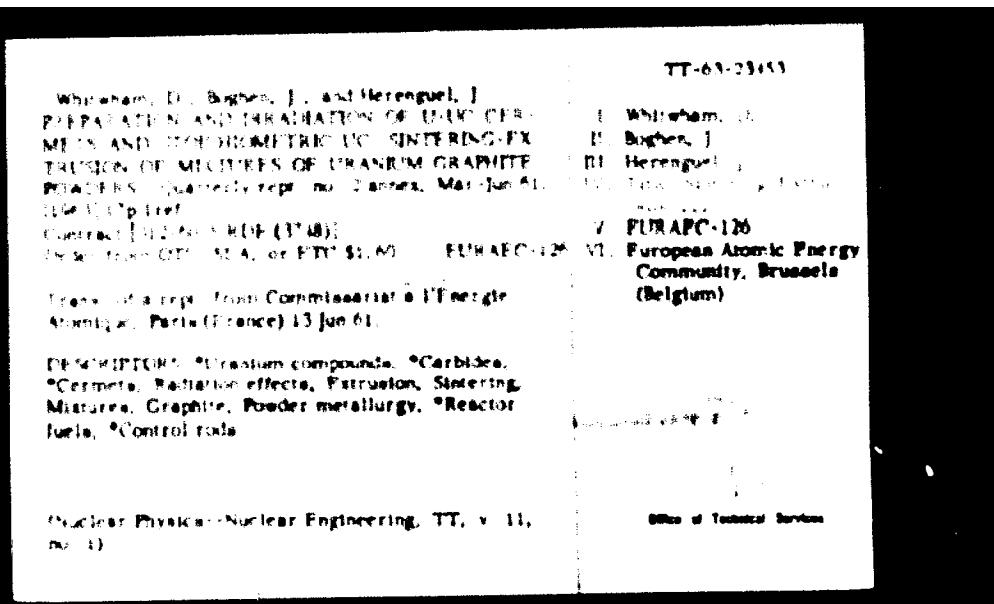
RUSSIAN, per, Teoriya Veroyatnostey i ikh Primeneniya,
Vol III, No 4, 1953.

SIAM

Sci

Apr 62

191, 601



Pseudo-Martensitic Transformation in Zirconium
Hydride, by D. Whirham, Melic A. Huber, et al,
6 pp.
FRENCH, par, Acta Metallurgica, Vol VII, 1959,
pp 65-68. 9228843
AEC-ANL-TY-165

Sci-M/M
Jun 6

281,077

etallographic Study of Zirconium-Hydrogen
Alloys, by D. Whitham.

RECH, per, Mem Sci Rev Met, Vol LVII, No 1,
1960, pp 2-15.

Pulmer Res Inst
Stoke Poges, Bucks

cl - Min/Met

exp 60

126,117

SLA 61-12657

The "Coherent" and "Incoherent" Grain Boundaries
in the Twins of Cubic Metals, by D. Whittemore,
P. Incombe.

FRENCH, por, Fourth Metallurgy Colloquium,
pp 161-182. 9203639

AEC-TR-54002

Sci - Mat & Mat

Mar 63

224,519

Surface Flow Phenomena During High Temperature
Oxidation: Zirconium and Its Alloys, by D.
Whittemore, J. Boghen, J. Herenguel.

FRANCHE, per, Rev Alum, Vol XXXIV, No 24b, 1957,
pp 611-623.

Pulmar Research Inst, Ltd
Tr 98

Sci - Chem
Mar 58

60,837

Finite Permutation Groups by Helmut Wielandt.
GERMAN, 114 pp.
Academic Press

Sci
May 66 300,839

Stream and Counter-Stream in the Kidneys. II.
New Concepts on Renal Osmotic Regulation, by
P.G.A.B. Higkamp.

DUTCH, per, Nederlands Tijdschrift voor
Geneeskunde, Vol.108, No.23, pp.1133-1137,
1964.

SLA-TT-66-11595

P.G.A.B. Higkamp

Sept 66

300,247

Biology and Thermodynamics of Irreversible
Phenomena, by I. Prigogine, J. M. Wiame, 9 pp.

UNKNOWN, per, Experientia, Vol II, 1946,
pp 451-453.

AEC Tr 2274

Scientific - Biology
Nov 55 GTS/MEK

28,453

Experimental Studies of Buckling of a Hyperbolic Shell Subjected to an Antisymmetric Load Acting on the Edges, by J. Wianowski, 28 pp.
POLISH, per, Zeszyty Instytutu Mechaniki, Vol 12,
no 4, 1964, pp 513-532. P100366867
PTD-HT-66-393

Sci/Rtgs
Jan 68

348,319

Authoritative Polish Commentary Interpreting Proletarian Internationalism - "A Crisis of Internationalism?" by Jerzy Wiatr, 11 pp.

POLISH, no par, Mowe Drogi, No 11, 12, Nov-Dec 1956,
and No 2 to Desp No 299, Warsaw, 29 Jan 1957.

Dept of State
No 4027339

44, 314

Khr - Poland

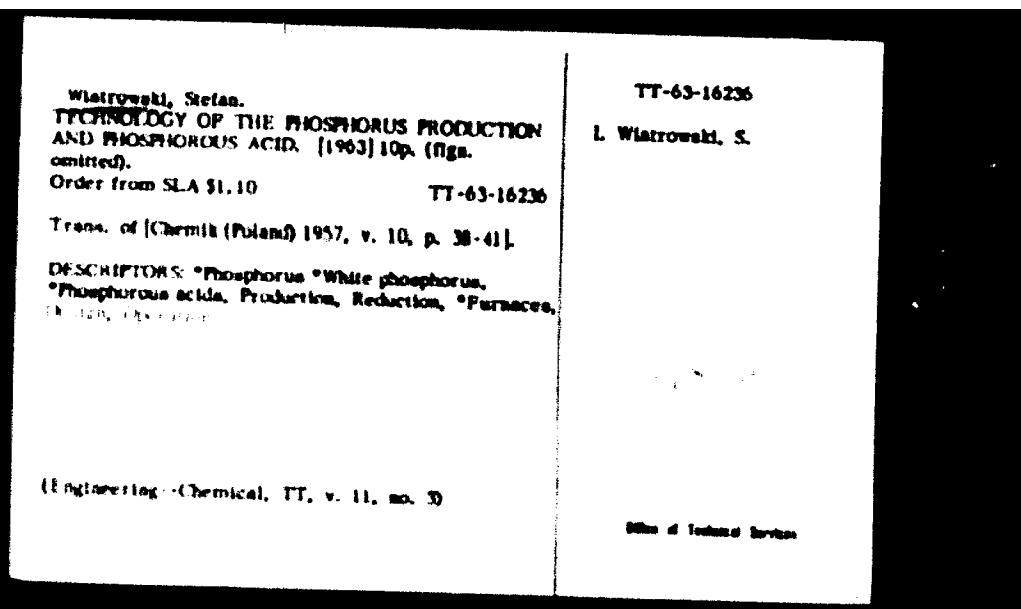
Pol - Leninist & Stalinist interpretations of proletarian Internationalism; Hungarian and Polish situation

Gehlen -- a Twilight Figure, by Z. Wiatr, 5 pp, UNCLASS

POLISH, wnp, Kulisy [Sunday edition of the daily
Express Vieczorny], Warsaw, 11 January 1959.

FDU/J-436,

Weur - West Germany
Pol - Espionage
Feb 59



How to Protect Oneself Against the Effects of
Atomic Weapons, by W. Macrowell, 6 pp.
1000 per. Printed Technology, No 6,
Nov., p. 6, 909728
FBI - TT-64-1352

AI-Subj 60
Jul 3

AI-Subj 60

Connection Between the Alkaline Solubility of Wool
and Its Mechanical Properties, by G. Viteaux.
IPTAKH. per. L'Institut Textile de France, Bulletin.
Vol. 17, No. 107, 1969, pp 301-326
CIAFO/Ro. 6783

Set -

Aug 67

335-257

Wiberg, E. and Kurnachow, W.
A NEW BORIC ACID ("HYPO-BORIC ACID") WITH
THE FORMULA $H_4B_2O_4$ AND ITS ESTER. [1963]
pp (this edition)
Order from SLA 81.10

TT-63-20301

Trans. of [Chemische Berichte] (Germany) 1937, v. 70,
p. 1303-1402.

DESCRIPTORS: Boric acids, Esters, Methyl radicals,
Benzyl radicals, Synthesis (Chemistry), Separation,
Isotropization.

TT-63-20301

E. Wiberg, E.
W. Kurnachow, W.

(Chemistry, TT, v. 11, no. 3)

MHS - Technical Services

The Chemistry of Borosulfone and Its Derivatives, by
E. Wiborg, W. Sturm,

GERMAN, per, Angew Chem, Vol LXVII, 1955, pp 483-493.

ATS 541-OJ

Sci - Chem

Aug 60

123,911

WIBERG, Erich and Neumann, Ulrich.
METHOD FOR THE PRODUCTION OF HIGHLY
COMPLEXED HYDRIDES. [1963] [7p]
Order from OTS or SLA \$1.10

43-20009

Trans. of German patent 1,060,527, M-4815 [IVe/12],
cl. 121 1/01, Internat. cl. C01 B, appl. 18 Jul 57,
pub. 28 Apr 60, addition to patent 1,066,553, by
Metallgesellschaft AG.

43-20009
I. Wiberg, E.
U. Neumann, U.
II. Patent (Germany) 1,060,527
IV. Patent (Germany)
1,066,553 add.

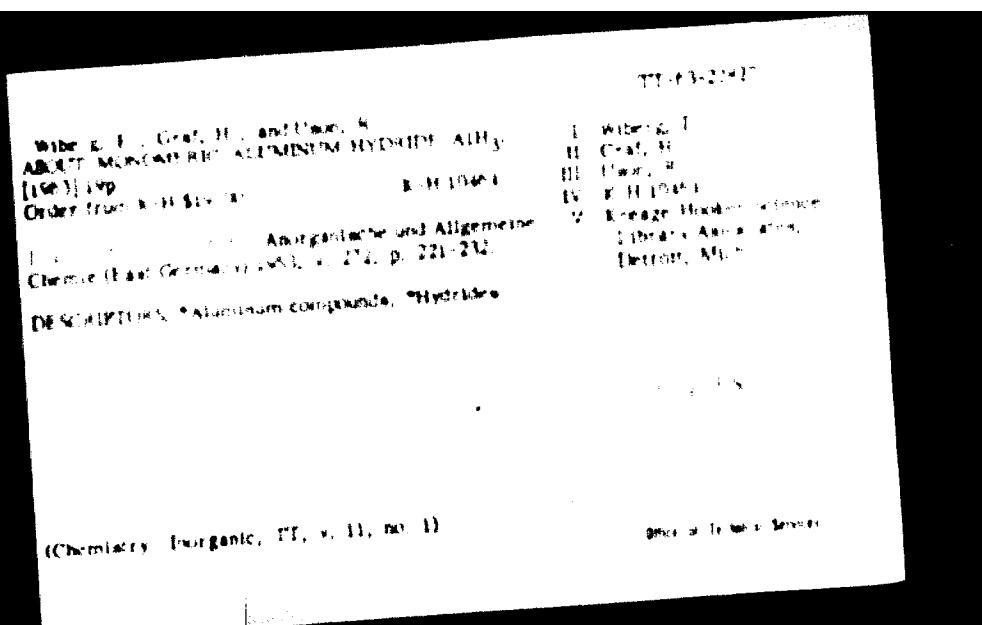
DESCRIPTORS: Hydrides. Synthesis (Chemistry).
Group I elements. Group II elements. Group III
elements. Valence.

The invention involves a method for the production of
highly complexed hydrides according to Patent No.
1,066,553, (available in translation from LC or SLA
as 60-18003), characterized by the fact that a simple
hydride salt of an element of Group I or II or its
chemistry - inorganic. TT, v. 10, no. 1Q (over)

100-18003

double hydride with the hydride of an element of Group III of the periodic system is utilized as a reaction component in place of MgH_2 , and is converted with $Al(H_4)_3$. A salt of an element of Group I or II of the periodic system, in place of the simple hydride salt or double hydride, may be converted with aluminum boron hydride. (Author)

P9 63-20009



Mica Form of Silicon Oxyhydride (HS10 1.5)^X, by
E. Wiberg, W. Simmler, 2 pp.

GERMAN, per, Z Anorg u Allgem Chem, Vol CCLOXXIII,
1956, pp 403-408.

NOT RELEASABLE TO FOREIGN NATIONALS

CIA/FDD/X-329

53,338

Sci - Chem

Sep 57

IAC INTERNAL USE ONLY

Wiberg, E. and Johansen, Th.
A VOLATILE B GALLIUM HYDRIDE OF THE FORM
Al₂T₂GaH₆ AND ITS TETRAMETHYL DERIVATIVE.
[1963] 3p. (ref. omitted).
Order from SLA \$1.10

63-16799

Trans. of [the] Naturwissenschaften (Germany) 1941
[v. 29] no. 21, p. 3302.

DESCRIPTIONS: *Gallium compounds, Aluminum com-
pounds, Hydrides, Methyl radicals, *Metalorganic
compounds, Synthesis (Chemistry), Chemical proper-
ties, Electrochemistry

The document also contains a brief abstract of: Metallic
precipitates at the negative pole of a galvanic battery,
K. L. Kuhlau, Schweiger's Journal 13, 611-18, 1915;
and a lengthy abstract of: A non-volatile, polymeric
aluminum hydride (AlH₅) and some volatile compounds
of aluminum AlH₅, O. Stocker and E. Wiberg.
Dec. 75 2003-12, 1942.

63-16799

1. Title: Aluminum trimethide
2. Title: Gallium tetra-methyl hydride
1. Wiberg, E.
- II. Johansen, T.

(Chemistry--Organic, TT, v. 10,
no. 11)

Office of Technical Services

The Polycondensation of Organosubstituted
Chlorosilanes R_2SiCl_2 by Means of the Wurtz
Synthesis: Notum Informativum Accompanying the
Doctoral Thesis of Dr. Hans Deak, by E. Wiberg.
6 pp.

BERNAB, monograph, 1 Feb 1960.

SLA 60-14476

sci

Apr 61

163,283

IPS, Vol III, No 12

"Inorganic Benzene" B_3H_6 and Its Methyl Homologs,
E. Viberg, 35 pp.

GERMAN, per, Naturwiss., Vol XXXV, No 6, 1948,
pp 182-188; No 7, pt 212-215.

AM-8J190

Sci

Jul 59

92, 378

Recent Trends of Development in the Chemistry of
Boron, by E. Wiberg. UNCL

GERMAN, per, Experiencia, (Supplementum VII, XVIIth
Int. Cong. Pure and Appl. Chem.) Jul 1957,
pp 183-212.

DSIR 33778/CT

Sci - Chem
Mar 59

83,229

Sedatives Compounds, by Leon Kibbey, 47th
Division, 1945, 1945 Institute of German Studies,
1946, pp 225-156
SEA TX-6-00246

Leon Kibbey

Box - Case
June 01

328,900

<p>Wilberg, Egon and Michaud, Horst. INFORMATION REGARDING AN ALUMINUM TRIAZIDE, A METHYL ALUMINUM DIAZIDE, A BORON TRIAZIDE, AN ETHER-SOLUBLE LITHIUM BORAZIDE, A SILICON TETRAZIDE, A SODIUM HEKAZIDOSTANNATE, A MAGNESIUM AZIDE, A BERYLLIUM AZIDE, A GALLIUM TRIAZIDE (SERIES OF ARTICLES). [1964] 27p. Order from SLA \$2.00</p> <p>Trans. of Z[ettachr[ft] für Naturforschung (West Germany) 1964, v. 19, p. 493-503. Another trans. is available from LC or SLA \$2.70, publ. 40 as TT-60-23043, FA-Trans-93, Jun 60, 27p.</p> <p>(Chemistry--Inorganics, TT, v. 11, no. 10)</p>	<p>TT-64-10462</p> <p>I. Wilberg, E. II. Michaud, H.</p> <p>27-14-10</p> <p>Office of Technical Services</p>
---	--

Information Concerning a Beryllium Hydride, BeH_2 , by
Egon Wiberg, Richard Bauer, 4 pp.

Full translation.

GERMAN, per, Z. Naturforsch., Vol VIb, 1951, p 171.

S.L.A.

Scientific - Chemistry

Aug 55

27,435

Identification of Gallium-Aluminum-Hydrides $\text{Ca}(\text{AlH}_4)_2$
and Gallium-Hydrogen-Ätherate $\text{CaH}_3 \cdot \text{C}_2\text{H}_5\text{O}$, by Egon
Meyer, Max Neubauer, 2 pp. UNCLASSIFIED

SCHEIBL, p., Zeitschrift der Naturforschung, Vol VIIb,
1951, p 172.

Navy Tr 673/CNS 1227

11-27-53 2 1/2

Scientific - Chemistry

Nov 53 CNS

7387

The "Inorganic Benzene" $B_3N_3H_6$ III; Preparation and Properties of Hexamethyl Borazole ("Inorganic Mellithol"), by Egon Wiberg, Karl Fertig, 18 pp.

GERMAN, Ber. Z fur Anorganische Chemie, Vol CCI.V, 1947, p. 141-184.

SLA 59-10240

Sci - Chem
OTS I , 9
Jun 59

89,514

Magnesium Hydride, MgH_2 , by Egon Wilberg, Richard
Kawer, 27pp
GERMAN, per, Chemische Berichte, Vol 85, 1952,
pp 593-605
SLA TT-65-10001

Egon Wilberg

Sci - Chem
June 67

328,964

Identification of Beryllium Hydrogen BeH₂, by Egon
Wiberg, Richard Bauer, 2 pp. UNCLASSIFIED

GERMAN, per, Zeitschrift der Naturforschung, Vol VIb,
1951, p 171.

Navy Nr 871/OMI 1225

Scientific - Chemistry

Nov 53 CTS

7383

Identification of a Lithium-Gallium-Hydrogen LiGaH_4 ,
by Egon Wiberg, Max Schmidt, 2 pp. UNCLASSIFIED

GERMAN, per, Zeitschrift der Naturforschung, Vol VIb,
1951, pp 171-172.

Navy Tr 872/OMI 1226

11-17-53

Scientific - Chemistry

Nov 53 CIS

7377

Identification of Indium Hydrogen InH₃, by Egon
Löberg, Max Schmidt, 2 pp. UNCLASSIFIED

CIRMAN, per, Zeitschrift der Naturforschung, Vol VIb,
1951, pp 172-173.

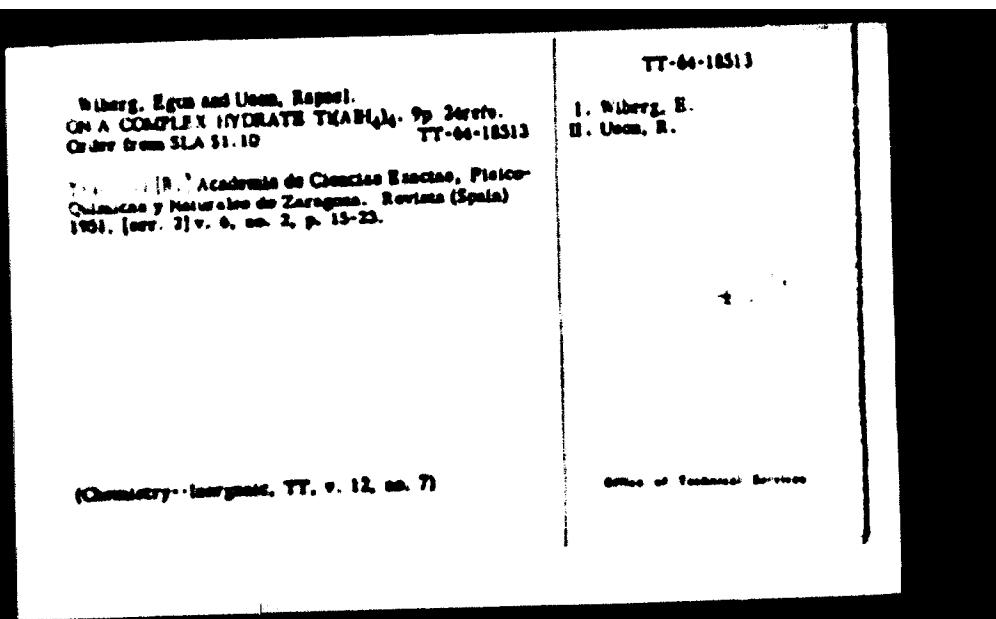
Navy Tr 874/0XII 1228

1953

Scientific - Chemistry

Nov 53 CT3

7376



Identification of stable ethereal aluminum hydrogen
solutions, by Egon Wiberg and Max Schmidt. 2 pp.
UNCLASSIFIED.

LEEDMAN, per, Zeitschrift der Naturforschung, 6b, pp.
433-434, 1951.

NAVY TR. 875/ONI 1229

SCIENTIFIC - CHEMISTRY

Nov 53 CTS

7204

Identification of Thallium Aluminum Hydorgen $TlCl_2$ ($AlH_4)_2$, & by Egon Wiberg and Max Schmidt. 2 pp.
UNCLASSIFIED.

CHMUS, per, Zeitschrift der Naturforschung, 6b,
pp. 334-335, 1951.

NAVY IR. 876/ONI 1230

Scientific - Chemistry

Nov 53 CTS

7205

Information on Magnesium Aluminum Hydride $Mg(AIH_4)_2$,
by Egon Wideng, Richard Bauer, 5 pp.

ROSSIGNOL, par, Z Naturforsch, Vol VIIb, 1952,
pp 131, 132.

AEC TR 3037

Sci - Chemistry
Oct 4 57

54, 274

Identification of Chlorine Derivates of Aluminum
Hydrogen AlH₃, by Egon Wiborg, Max Schmidt, 3 pp.

UNCLASSIFIED

GERMAN, per, Zeitschrift der Naturforschung, Vol II b,
1951, pp 460-461.

Navy Tr 891/ONI 1235

Scientific - Chemistry

Nov 53 CIB

7210

On a Complex Hydrate $Ti(AlO_4)_4$,
by Egon Wilberg, 9 pp.
SPANISH, por, Revista Academia de Ciencias
Exactas, Fisico-Qumicas y Naturales de
Zaragoza, Vol VI, No 2, Ser 2, 1951, pp 15-23.
C931 TT-304-16513

Egon Wilberg

Sci - Chem
Jul 66

305,816